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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/378,519 08/20/99 INAGE

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EXAMINER

ANYASO, U
ART UNIT

PAPER NUMBER

2675
DATE MAILED:

06/19/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/378,519

Applicant(s)
Fumilaki Inage

Examiner
Uchendu O. Anyaso

Art Unit
2675



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Aug 20, 1999
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirements

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) ☒ All b) ☐ Some* c) ☐ None of:

- ☒ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. _____
- ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 3 and 4 20) ☐ Other: _____

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DETAILED ACTION

1. **Claims 1 and 2** are pending in this action.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1 and 2** are rejected under 35 U.S.C. 102(b) as being anticipated by *Yamagishi et al* (U.S. Patent 4,642,694).

Regarding **Claim 1**, *Yamagishi et al* teaches that his present invention relates to a television video signal A/D converter apparatus in a television receiver having a liquid crystal display device (column 1, lines 5-7).

Furthermore, *Yamagishi et al* teaches an A/D converting means for sampling a television video signal to A/D convert the signal in accordance with upper and lower reference potentials and for supplying the A/D converted television video signal to a liquid crystal display device (claim 1, column 13, lines 20-27).

Also, *Yamagishi et al* teaches a detecting means, connected to said A/D converting means, for detecting from the A/D converted digital signal, digital values exceeding a predetermined value and below a predetermined value which respectively correspond to the

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upper and lower reference potentials supplied for A/D conversion; counting means for respectively counting at least in one field the digital values exceeding the predetermined value and the digital values below the predetermined value which are detected by said detecting means, and reference potential producing means for determining the upper and lower reference potentials in accordance with counts of said counting means and supplying the upper and lower reference potentials to said A/D converting means (claim 1, column 13, lines 28-42).

Regarding **Claim 2**, in addition to reasons described in claim 1, *Yamagishi et al* teaches a detecting means, connected to said A/D converting means, for detecting from the A/D converted digital signal, digital values exceeding a predetermined value and below a predetermined value which respectively correspond to the upper and lower reference potentials supplied for A/D conversion (claim 1, column 13, lines 28-33).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent 4,642,693 to *Fuse et al* for a television video signal A/D converted apparatus.

U.S. Patent 4,745,461 to *Shirai et al* for an R,G,B level control in a liquid crystal TV using average of composite video signal.

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Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uchendu O. Anyaso whose telephone number is (703) 306-5934. The examiner can normally be reached on Monday through Friday from 9:00 a.m. to 5:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Saras, can be reached on (703) 305-9720. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



Uchendu O. Anyaso

06/14/2001



**CHANH NGUYEN
PRIMARY EXAMINER**